

Substitute for Form 1449A.PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/621,840
Filing Date	July 17, 2003
First Named Inventor	Kevin B. Ray
Art Unit	1752
Examiner Name	Richard L. Shilling
Attorney Docket No.	KPG-5082US

SHEET 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
17		US-6,531,270	03/11/2003	Olson et al.	
17		US-6,531,273	03/11/2003	Olson et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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Examiner Signature	<i>RL Schilling</i>	Date Considered	3-9-05
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<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

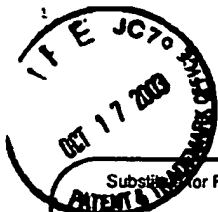
<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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PTO/SB/08A (AW 4/25/03) (04-03)  
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Substitution Form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 3

C mplete if Kn wn

Application Number	10/821,840
Filing Date	July 17, 2003
First Named Inventor	RAY
Art Unit	Unknown 1752
Examiner Name	Unknown
Attorney Docket No.	KPG-5082US

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[Signature]		US-5,827,602	10/27/1998	KOCH et al	
		US-6,048,388	4/11/2000	SCHWARZ	
		US-6,280,899	8/28/2001	PARSONS et al	
		US-6,294,311	9/25/2001	SHIMAZU et al	
		US-6,352,811	3/5/2002	PATEL et al	
		US-6,352,812	3/5/2002	SHIMAZU et al	
		US-6,358,669	3/19/2002	SAVARIAR-HAUCK et al	
		US-6,528,228	3/4/2003	HAUCK et al	
		US-6,593,055	7/15/2003	SHIMAZU et al	
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### FOREIGN PATENT DOCUMENTS

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[Signature]		EP 0864420 B1	5/30/2001			<input type="checkbox"/>
		EP 0908305 B1	11/28/2001			<input type="checkbox"/>
		EP 0908307 A2	4/14/1999			<input type="checkbox"/>
		EP 0908779 B1	6/19/2002			<input type="checkbox"/>
		EP 0908784 A1	4/14/1999			<input type="checkbox"/>

Examiner Signature	RC Schilling	Date Considered	11-3-04
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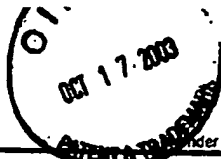
<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 2 of 3

Complete if Known

Application Number 10/821,640

Filing Date July 17, 2003

First Named Inventor RAY

Art Unit Unknown 1752

Examiner Name Unknown

Attorney Docket No. KPG-5082US

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h		EP 0960728 B1	5/21/2003			<input type="checkbox"/>
h		EP 0950518 B1	1/23/2002			<input type="checkbox"/>
h		EP 0940266 B1	6/26/2002			<input type="checkbox"/>
h		EP 1023994 A1	8/2/2000			<input type="checkbox"/>
h		EP 0922570 A2	6/16/1999			<input type="checkbox"/>
h		EP 0909657 B1	6/18/2003			<input type="checkbox"/>
h		EP 1052113 A1	11/15/2000			<input type="checkbox"/>
h		JP 2000-355178 (Abstract)	12/26/2000			<input type="checkbox"/>

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First Named Inventor	RAY
Art Unit	Unknown 1752
Examiner Name	Unknown
Attorney Docket No.	KPG-5082US

SHEET 3 of 3

### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
W		HOLBREY et al, Green Industrial Applications of Ionic Liquids: Technology Review, Center for Green Manufacturing and Department of Chemistry, U of Alabama, 2003, pgs. 1-14	<input type="checkbox"/>
W		MARTIN, J.D., Structure Property Relationships in Ionic Liquids, Department of Chemistry, North Carolina State University, 2001, pgs. 1-14	<input type="checkbox"/>
W		VISSER et al, Characterization of Hydrophilic and Hydrophobic Ionic Liquids: Alternatives to VOC's for Liquid-Liquid Separations, Department of Chemistry and Center for Green Manufacturing, U of Alabama, 2002, 20 pgs.	<input type="checkbox"/>
W		JOHNSON et al, Significance of Cations in Ionic Liquids Chemistry, Department of Chemistry and Biochemistry, U of Regina, 2001, pgs. 1-13	<input type="checkbox"/>
W		WILKES, J.S., Ionic Liquids in Perspective: The Past with an Eye Toward the Industrial Future, Department of Chemistry, U.S. Air Force Academy, 2003, pgs. 1-16	<input type="checkbox"/>
W		EARLE, M.J., Ionic Liquids: Solvents for the 21 <sup>st</sup> Century, The Quill Centre, The Queen's University of Belfast, 2001, pgs. 1-17	<input type="checkbox"/>
W		SCOTT et al, Application of Ionic Liquids as Plasticizers for Poly(Methyl Methacrylate), Chem. Commun., 2002, pgs. 1370-1371	<input type="checkbox"/>
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Examiner  
Signature

*R. Schley*

Date  
Considered

11-3-04

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